

ALKALINE IODIDE SODIUM AZIDE SOLUTION

MSDS Number

BBXNP

National Stock Number

6810-00F007250

Product Name

ALKALINE IODIDE SODIUM AZIDE SOLUTION

Manufacturer

FISHER SCIENTIFIC

Product Identification

Product ID:ALKALINE IODIDE SODIUM AZIDE SOLUTION

MSDS Date:01/01/1987

FSC:6810

NIIN:00F007250

MSDS Number: BBXNP

Responsible Party

FISHER SCIENTIFIC/FAIR LAWN, NJ 07410

Emergency Phone: (201) 796-7100

Cage: 1B464

Contractor

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

Ingredients

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 40%

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

POTASSIUM IODIDE

CAS: 7681-11-0

RTECS: TT2975000

Fraction By Weight: 9%

SODIUM AZIDE (SARA III)

CAS: 26628-22-8

RTECS: VY8050000

Fraction By Weight: >1%

OSHA PELs, C 0.1 PPM(HN3)

ACGIH TLV: C 0.11 PPM; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

Fraction By Weight:

Hazards

Effects of Overexposure:SKIN/EYES, BRONCHIAL IRRITATION, SORE THROAT, VOMITING, DIZZINESS, COMA, DEATH, EPISCLERAL DAMAGE.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA W/SOAP, MILD DETERGENT/WATER. EYES: WASH W/WATER 20 MINS. INGESTION: IF CONSCIOUS, GIVE WATER TO DILUTE THE ALKA LI. DON'T INDUCE VOMITING. GET MED ATT.

Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:DRY CHEMICAL, CO2, WATER FOG, ALCOHOL FOAM

Fire Fighting Procedures:COOL CONTAINERS EXPOSED TO FLAMES W/WATER AFTER FIRE IS OUT.

Unusual Fire/Explosion Hazard:COOL CONTAINERS W/FLOODING AMTS OF WATER FROM AS FAR A DISTANCE AS POSSIBLE. AVOID BREATHING VAPORS.

Accidental Release

Spill Release Procedures:DON'T TOUCH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT W/O RISK. FOR SMALL SPILLS,AKE UP W/SAND OR OTHER ABSORBENT MATERIAL & PLACE INTO CONTAINERS FOR LAR DISPOSAL. SCOOP UP/PLACE MATERIAL INTO CLE AN, DRY CONTAINER/COVER.

Exposure Controls

Respiratory Protection:HIGH LEVELS: SUPPLIED-AIR RESPIRATOR, HELMET, ORHOOD .

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP Protective Gloves:PROTECTIVE

Eye Protection:FACESHIELD/SAFETY GOGGLES

Other Protective Equipment:DON'T WEAR CONTACT LENSES WHEN WORKING WITH CHEMICALS.

Supplemental Safety and Health

MSDS DATE: 02/13/87. PH: BASIC.

Chemical Properties

Spec Gravity:1.5

Evaporation Rate & Reference:(ETHER = 1): >1

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES

ACIDS & ANHYDRIDES, WATER-REACTIVE MATERIALS.

Stability Condition to Avoid:AVOID CONTACT STORAGE W/INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:NO REPORTS OF HAZARDOUS PRODUCTS FOUND.

Disposal

Waste Disposal Methods:MOVE CONTAINERS FROM SPILL AREA. KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA & DENY ENTRY. DIG A HOLDING AREA SUCH AS A PIT, POND OR LAGOON TO CONTAIN SPILL & DIKE

SURFACE FLOW USING BARRIER OF SOIL, SANDBAGS, FOAM POLYURETHANE OR CONCRETE.

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